

Title (en)

Topical composition.

Title (de)

Zusammensetzung zur lokalen Anwendung.

Title (fr)

Composition pour l'application topique.

Publication

EP 0439335 A1 19910731 (EN)

Application

EP 91300499 A 19910123

Priority

US 46919890 A 19900124

Abstract (en)

A composition and method for the topical application of a water dispersible active ingredient to a surface of a warm blooded animal is provided. Specifically, such composition is provided to have the properties of being readily flowable at room temperature upon filling a container therewith, maintaining such flowable condition after storage for a substantial length of time and being readily flowable upon application to the desired animal situs. Uniquely, upon contact with the warm surface of the animal then, and only then, does the composition quickly form into a non-flowable relatively substantive gel. Specifically such composition comprises: (a) a water soluble nonionic block copolymer of ethylene oxide and propylene oxide of the formula $\text{HO}(\text{C}_2\text{H}_4\text{O})_a(\text{C}_3\text{H}_6\text{O})_b(\text{C}_2\text{H}_4\text{O})_c\text{H}$; (b) the active ingredient to be topically delivered; and (c) water. o

IPC 1-7

A61K 7/16; **A61K 31/77**

IPC 8 full level

A61K 8/00 (2006.01); **A61K 8/04** (2006.01); **A61K 8/21** (2006.01); **A61K 8/86** (2006.01); **A61K 8/90** (2006.01); **A61K 9/00** (2006.01); **A61K 31/77** (2006.01); **A61K 47/10** (2006.01); **A61Q 11/00** (2006.01)

CPC (source: EP US)

A61K 8/90 (2013.01 - EP US); **A61K 9/0014** (2013.01 - EP US); **A61K 47/10** (2013.01 - EP US); **A61Q 11/00** (2013.01 - EP US)

Citation (search report)

- CA 1072413 A 19800226 - WEST LABORATORIES INC
- US 4188373 A 19800212 - KREZANOSKI JOSEPH Z [US]
- GB 2149661 A 19850619 - COLGATE PALMOLIVE CO
- US 3867533 A 19750218 - SCHMOLKA IRVING R
- US 4478822 A 19841023 - HASLAM JOHN L [US], et al

Cited by

EP0497476A3; US5356615A; GR920100030A; US6503955B1; US7374770B2; US7138133B2; WO0119329A3; WO9615770A1; WO9418939A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0439335 A1 19910731; **EP 0439335 B1 19940601**; AT E106234 T1 19940615; AU 637179 B2 19930520; AU 6936091 A 19910725; DE 69102147 D1 19940707; DE 69102147 T2 19941215; FI 910352 A0 19910123; FI 910352 A 19910725; GR 1000836 B 19930125; GR 910100036 A 19920625; IE 910221 A1 19910731; JP H04210907 A 19920803; NO 910265 D0 19910123; NO 910265 L 19910725; PT 96539 A 19911015; US 5256396 A 19931026; ZA 9199 B 19920930

DOCDB simple family (application)

EP 91300499 A 19910123; AT 91300499 T 19910123; AU 6936091 A 19910114; DE 69102147 T 19910123; FI 910352 A 19910123; GR 910100036 A 19910124; IE 22191 A 19910123; JP 685391 A 19910124; NO 910265 A 19910123; PT 9653991 A 19910122; US 46919890 A 19900124; ZA 9199 A 19910104